

JUNE

at the

CALIFORNIA ACADEMY OF SCIENCES

JUNE MEETING

DATE: Wednesday evening, June 21
TIME: 7:30 p.m. and again at approximately 8:40 p.m.
PLACE: May Treat Morrison Auditorium
SPEAKER: Mr. Al Giddings
SUBJECT: "PAINTED REEFS OF HONDURAS" and "THE PREDATORS"

Al Giddings of San Francisco is known internationally for his fine underwater photographic work which has taken him to many parts of the world on different assignments. In "Painted Reefs" he and his wife Marian used their remarkable diving talents off British Honduras to explore one of the largest barrier reefs in the world. Through their lens you will see the giant moray eel or a large grouper bend an arbalest spear into a pretzel-like souvenir. There is an intriguing sequence in which a school of anchovies, photographed for the first time by man, covers the bottom of the sea for the length of a city block in a layer sometimes as thick as 130 feet.

Mr. Dewey Bergman was Mr. Giddings' close associate in the filming of "The Predators." In this adventure, they were occupied with sharks and shark research which led them to the Tuamotu Islands in the South Pacific some 400 miles south of Tahiti. For five weeks, they and their cameras explored the "passes" that led from the lagoons surrounding these islands into the open sea, and film footage approaching the incredible was recorded. One sequence alone has hundreds of grey sharks caught in the camera's eye.

Both films are in color. The first has a sound track narration. The second will have running commentary by one or both of the photographers. The outstanding musical score for "The Predators" is the work of a San Francisco composer, Shirley Rogers.

This promises to be an exciting evening for everyone concerned.

MORRISON PLANETARIUM

"UFO's — FACT OR FANTASY?" continues to delight enthusiastic audiences in the Theatre of the Stars and will continue playing through June 25.

Performances daily at 2:00 p.m. with evening shows, Wednesday through Sunday, at 8:30. Extra matinees on Saturdays, Sundays and holidays at 3:30. The Planetarium is closed Monday and Tuesday nights. Admission: Adults, \$1.00. Children and Service Men, 50c.

MORRISON AUDITORIUM

"EXPEDITION", an Academy-produced documentary in color, photographed by staff scientists in Africa, the Sea of Cortez, and the fabulous Galápagos Islands. Shown exclusively at the Academy on Saturdays, Sundays and holidays at 12:45, 2:15 and 3:45 p.m. Admission: Adults, \$1.00. Children and Service Men, 50c.

SPECIAL EXHIBITS

From the Academy Collections, Main Foyer, Hall of Science: "ONAGA-DORI", long-tailed fowl from Japan. Through June.

"CAMOUFLAGE IN NATURE," color photographs by Dr. Edward S. Ross, Curator of Entomology, continues in Lovell White Hall of Man and Nature.

NEWS and NOTES

THE ANNUAL SPRING MIGRATION, attributed by ornithologists to the changing length of day, seems to have caught up with the Academy's staff.

Dr. Robert T. Orr, Associate Director of the Academy and its Curator of Birds and Mammals, attended the annual meeting of the Cooper Ornithological Society at the Santa Barbara Museum of Natural History, April 7-8, where he was honored by being elected President of the Society. Two weeks later, April 20-21, he represented the Academy at the annual meeting of the Directors of Systematic Collections, which was held at the Field Museum of Natural History in Chicago. Thirty-three persons were present representing leading museums of the United States and Canada.

On April 14, Hal Richardson, who ordinarily writes this Newsletter, dropped his burden of care and took off for Europe. Discreetly, in order to avoid cablegrams and long distance phone calls

from his temporary substitute, seeking information and advice, he did not leave his itinerary with anyone at the Academy. But he vaguely mentioned that he expected to visit London, Amsterdam, Paris, Rome, and possibly Greece. He promised to return on June 5, in time to get out the July Newsletter.

From April 15 to April 25, Dr. Earl S. Herald, Associate Director of the Steinhart Aquarium, and Walter Schneebeil, Aquarium Collector, were guests of Mr. Edward Janss of Los Angeles, on a trip from La Paz to Santa Rosalia, Mexico, aboard his 58 foot cruiser "Cuckoo's Nest." Others participating were Mrs. Ann Howe, Mr. Robert Mesitrell, Dr. Russell Lee and Mr. Joseph Dodge (skipper). The purpose of the trip was to collect living fish and invertebrates for Steinhart Aquarium. The collecting was done using SCUBA diving gear and highly successful. A colorful array of specimens was obtained of which some half a dozen have not yet been identified, and one is definitely believed to be new to science.

Academy Director Dr. George E. Lindsay conducted what sounds like an aerial reconnaissance of the Atlantic seaboard the last week in April. In Washington, D.C. he visited the Smithsonian Institution and the National Science Foundation, in Pennsylvania, the Academy of Natural Sciences of Philadelphia, in New York, the American Museum of Natural History, in Massachusetts, the Boston Museum of Science and the Marine Biological Laboratory at Woods Hole, and in Florida, the Institute of Marine Science of the University of Miami—all on various pieces of Academy business. The entire trip took eight days. He left on Saturday, April 22 and returned on Monday, May 1st.

TO KEEP THINGS IN BALANCE, Dr. G. Dallas Hanna remained at the Academy and celebrated his eightieth birthday on Monday, April 24. Through no fault of Doc's, the celebration extended most of the week. He was given a small party on Monday and a large party at the regular staff meeting on Friday, at which Dr. Ira L. Wiggins, Academy Trustee and former President of the Academy, gave an illustrated talk on his recent investigations in the Galápagos Islands. Dr. Hanna courageously faced the task of cutting two birthday cakes. Undoubtedly he would have preferred to be in Alaska, where he has done field work in the past two summers, and—off and on—for fifty-six years. In June he and Mrs. Hanna are driving to Friday Harbor, Washington, to attend a scientific gathering of specialists who have been studying the Alaska earthquake of 1964.

H. I. H. CROWN PRINCE AKIHITO of Japan was a distinguished visitor to the Steinhart Aquarium on the late afternoon of May 9, where, in the midst of a busy schedule, he spent nearly an hour. The Crown Prince, like his father, the Emperor Hirohito, is a biologist. He surprised, delighted, and occasionally stymied, members of the Aquarium Staff with his informed and penetrating questions. This was Prince Akihito's second visit to the Aquarium, his first having been on September 24, 1960. This time he brought with him, on the same plane in which he traveled, a colorful collection of Japanese marine and freshwater fishes which are now on display in the Aquarium. Most of these species have never before been exhibited in America.

THE AMERICAN SOCIETY of Ichthyologists and Herpetologists will hold its forty-seventh annual meeting June 18-23, 1967, in San Francisco at the Jack Tar Hotel, Van Ness Avenue at Geary Street. The host institution will be the California Academy of Sciences. All sessions will be held at the Jack Tar Hotel. However, a social evening will be held at the Academy (Steinhart Aquarium), on Monday evening, June 19. Arrangements for the meeting are in charge of an Academy committee, of which W. I. Follett, Curator of Fishes, is chairman.

MEET THE STAFF



DENNIS SULLIVAN, Aquatic Biologist for Steinhart Aquarium, was particularly interested in art and mechanical design when he attended San Francisco State College, San Jose State, and a specialized school in Mexico City. However, a childhood interest in the coastal regions of California and the animals found there took precedence which eventually led to his current occupation in Battery A of the aquarium where he is charged with the upkeep of the local salt-water denizens housed there, as well

as the exquisite little "jewel tanks" which make up Panel 1.

A native San Franciscan, Dennis, on graduating from high school, maintained an auto repair shop for foreign sports cars for two years where he built and repaired imported makes and on occasion raced them at Laguna Seca course and at Riverside in California.

While traveling in Mexico, he pursued his interest in skin diving and snorkeling and when he returned to the Bay Area in 1961 he put this experience to effective use in temporary employment at various times at Steinhart. Interspersed were interludes in Hawaii where again he skin-dived and surfed, and later, a period of brief employment with the California Department of Fish and Game collecting statistical data for shellfish research. In July 1966, he achieved permanent employment as Aquatic Biologist with Steinhart.

Dennis, his wife Jean, and their three-year-old son, hike and camp, time permitting, in the wilder coastal regions of California with Scuba equipment always at hand. Currently, he is interested in creating handmade jewelry. He also enjoys designing house plans for his friends.

NEW MEMBERS OF THE ACADEMY

Regular Membership

Mr. Gary Arkle	Mr. E. L. Manwaring
Cottage Bookshop	Mr. Phillip Miles
Miss Gloria E. Cremonini	Mr. Patrick G. Minor
Miss Joanne Garvey	Mr. Clifford M. Nelson
Mr. Edwin T. Houck	Dr. Henry Harrison Sadler
Mrs. Helen LeChelle	Miss Etelka Martini Zsubriczky

Family Membership

Dr. & Mrs. Wesley M. Clark	Mr. Frank M. Moses
Mr. Mitchell G. Cooper, Jr.	Mr. & Mrs. Kenneth S. Myers
Dr. Wayne E. Garrett	Mr. & Mrs. Marshall J. Reed
Mr. Philip E. Gordon	Mr. & Mrs. E. David Roderick
Dr. & Mrs. Cyril C. Herrmann	Dr. David S. Wilder
Mr. Louis Marzoline	Mr. & Mrs. Jay Woods

Life Membership

Mr. Ed N. Harrison	Mr. Ed N. Harrison, Jr.
--------------------	-------------------------

Student Membership

Edith Andrews	Tim O'Neill
Gary Eisenhart	Linda Ratter
Robert Gay	Michael Roche
Dorcas Higginbotham	Jack Shafer

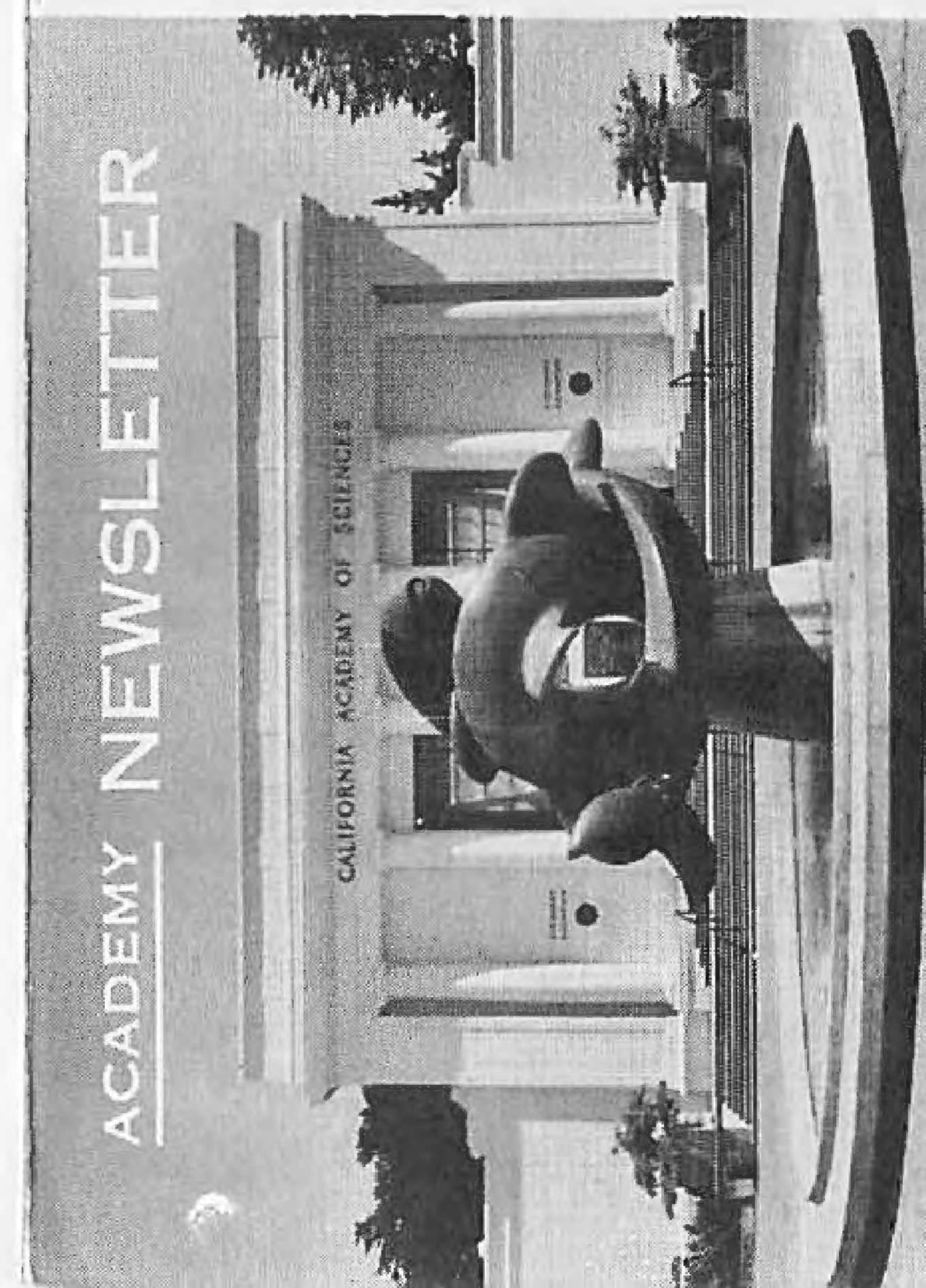
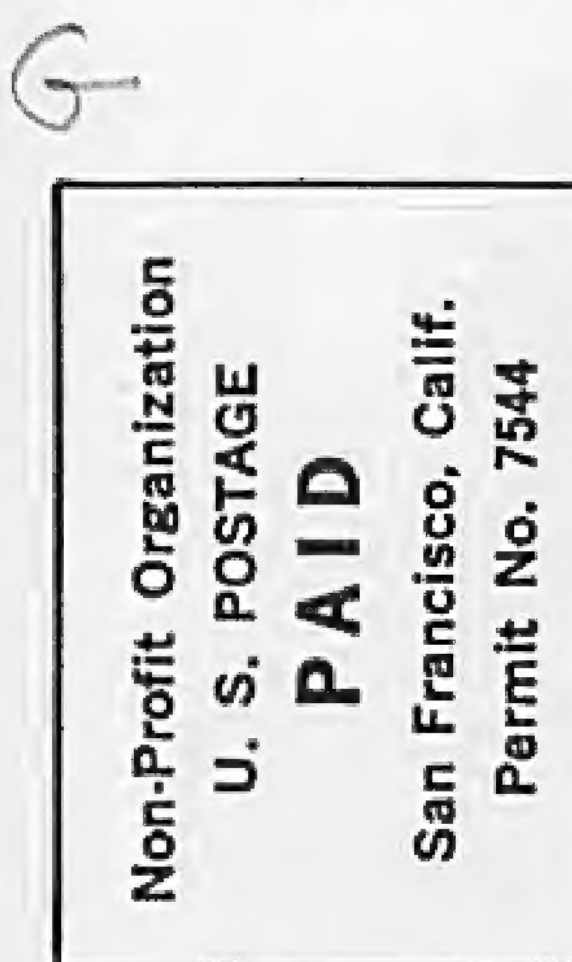
nonono

THE CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK • SAN FRANCISCO 94118

Open every day of the year
10:00 a.m. to 5:00 p.m.

Admission Free

Printed by GRAPHIC ARTS OF MARIN, INC.



No. 330 — Published Monthly by the

CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK • SAN FRANCISCO 94118

JUNE 1967